





**PATENT**  
Attorney Docket No. **EPICEN-09587**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Elana K. Davydova, et al  
Serial No.: 10/743,975  
Filed: 12/23/2003  
Entitled: **Target-Dependent Transcription Using Deletion Mutants of N4 RNA Polymerase**

Group No.: 1652  
Examiner: Hutson, R. G.

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
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**CERTIFICATE OF MAILING UNDER 37 CFR § 1.8(a)(1)(i)(A)**  
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Date: November 1, 2006  
By: Mary Ellen Waite  
Mary Ellen Waite

Sir or Madam:

The citations listed below may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

- U.S. Patent No. 5,021,335
- U.S. Patent No. 5,168,038
- U.S. Patent No. 5,545,522
- U.S. Patent No. 5,514,545
- U.S. Patent No. 5,716,785

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- U.S. Patent No. 5,891,636
- U.S. Patent No. 5,958,688
- U.S. Patent No. 6,291,170
- U.S. Patent No. 5,130,238
- U.S. Patent No. 5,194,370
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- U.S. Patent No. 5,437,990
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- U.S. Patent No. 5,554,517
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- U.S. Patent No. 6,287,824
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- U.S. Patent No. 5,674,683
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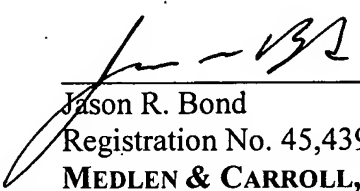
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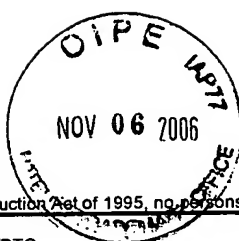
Applicants wish to bring to the examiners attention that we are not providing copies of US Patents as instructed under 37 CFR 1.98(a)(2).

Applicants' herewith submit the International Search Report for the corresponding PCT Application No. PCT/US2003/041046.

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Dated: November 1, 2006

  
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	1	US- 6,221,603			whole document
	2	US- 5,021,335	06/04/1991	Tecott, et al.	whole document
	3	US- 5,168,038	12/01/1992	Tecott, et al.	whole document
	4	US- 5,545,522	08/13/1996	Van Gelder, et al.	whole document
	5	US- 5,514,545	05/07/1996	Eberwine	whole document
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	9	US- 6,291,170	09/18/2001	Van Gelder, et al.	whole document
	10	US- 5,130,238	07/14/1992	Malek, et al.	whole document
	11	US- 5,194,370	03/16/1993	Berninger, et al.	whole document
	12	US- 5,399,491	03/21/1995	Kacian, et al.	whole document
	13	US- 5,409,818	04/25/1995	Davey, et al.	whole document
	14	US- 5,437,990	08/01/1995	Burg, et al.	whole document
	15	US- 5,466,586	11/14/1995	Davey, et al.	whole document
	16	US- 5,554,517	09/10/1996	Davey, et al.	whole document
	17	US- 5,665,545	09/09/1997	Malek, et al.	whole document
	18	US- 6,063,603	05/16/2000	Davey, et al.	whole document
	19	US- 6,090,591	07/18/2000	Burg, et al.	whole document

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	20	WO 00/75356	12/14/2000	LIN, et al.	whole document	
	21	WO 02/065093	08/22/2002	GINSBERG, et al	whole document	
	22	WO 89/06700	07/27/1989	MILLER, et al.	whole document	
	23	WO 91/18155	11/28/1991	JACOBSEN, et al	whole document	
	24	EP 0427073	05/15/1991	Dattagupta, et	whole document	
	25	EP 0427074	05/15/1991	Dattagupta, et	whole document	

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	32	US- 6,054,266	04/25/2000	Kronick et al.	whole document
	33	US- 4,988,617	01/29/1991	Landegren et al.	whole document
	34	US- 5,866,337	02/02/1999	Schon	whole document
	35	US- 5,871,921	02/16/1999	Landegren et al.	whole document
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	39	US- 5,830,711	11/03/1998	Barany et al.	whole document
	40	US- 6,054,564	04/25/2000	Barany et al.	whole document
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	45	WO 02/16639	02/28/2002	Sagawa et al.	whole document	
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	80	US- 6,077,668	06/20/2000	Kool	whole document
	82	US- 6,096,880	08/01/2000	kool	whole document
	83	US- 6,368,802	04/09/2002	Kool	whole document
	84	US- 5,648,245	07/15/1997	Fire et al.	whole document
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	89	EP 0336731 B1	05/11/1994	Wallace	whole document	
	90	EP 0357336 A2	10/05/1994	Ullman et al.	whole document	
	91	EP 0439182 A2	04/24/1996	Backman et al.	whole document	
	92	EP 0439182 A2	04/24/1996	Backman et al.	whole document	
	93	JP4262799			whole document	
	94	JP4304900			whole document	

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/743,975		
		Filing Date	12/23/2003		
		First Named Inventor	Davydova et al.		
		Art Unit			
		Examiner Name			
Sheet	5	of	7	Attorney Docket Number	EPICEN-09587

NON PATENT LITERATURE DOCUMENTS			
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	95	Murakawa et al., DNA 7:287-295, 1988	
	96	Phillips and Eberwine, Methods in Enzymol. Suppl. 10:283-288, 1996	
	97	Ginsberg et al., Ann. Neurol. 45:174-181, 1999	
	98	Ginsberg et al., Ann. Neurol. 48:77-87, 2000	
	99	Van Gelder et al., PNAS 87:1663-1667, 1990	
	100	Eberwine et al., Proc. Natl. Acad. Sci. USA 89:3010-3014, 1992	
	101	Kwoh et al., Proc. Natl. Acad. Sci. USA 86:1173, 1989	
	102	Fahy et al, In: PCR Methods and Applications, pp. 25-33, 1991	
	103	Prakash, G. and Kool, E., J. Am. Chem. Soc. 114: 3523-3527, 1992	
	104	Daubendiek, S.L. et al., J. Am. Chem. Soc. 117: 7818-7819, 1995	

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	105	Liu, D. et al., J. Am. Chem. Soc. 118: 1587-1594, 1996	
	106	Daubendiek, S.L. and Kool, E.T., Nature Biotechnol., 15: 273-277, 199	
	107	Diegelman, A.M. and Kool, E.T., Nucleic Acids Res., 26: 3235-3241, 1998	
	108	Diegelman, A.M. and Kool, E.T., Chem. Biol., 6: 569-576, 1999	
	109	Diegelman, A.M. et al., BioTechniques 25: 754-758, 1998	
	100	Frieden, M. et al., Angew. Chem. Int. Ed. Engl. 38: 3654-3657, 1999	
	111	Kool, E.T., Acc. Chem. Res., 31: 502-510, 1998	
	112	Falco, et al., Proc. Natl. Acad. Sci. (USA) 75:3220-3224, 197	
	113	Glucksmann-Kuis, et al., Cell, 70, 491-500, 1992	
	114	Fire, A. and Xu, S-Q, Proc. Natl. Acad. Sci. USA, 92: 4641-4645, 1995	

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	115	Dean et al., Genome Res., 11: 1095-1099, 2001	
	116	Nilsson et al., Nucleic Acids Res., 30 (14): e66, 2002	
	117	Pickering et al. Nucleic Acids Res., 30 (12): e60, 2002	
	118	Haynes, et al., Cell 41:597-605, 1985	
	119	Falco, et al., J. Biol. Chem. 255:4339-4347, 1980	
	120	Glucksmann-Kuis, et al., Cell 84:147-154, 1996	
	121	Dai et al., Genes Devepmnt. 12:2782-2790, 1998	
	122	Davidova, EK and Rothman-Denes, LB, Proc. Natl. Acad. Sci. USA 100:9250-9255, 2003	
	123	Baner, J et al., (Nucleic Acids Research, 26:5073-5078, 1998	
	124	Markiewicz, et al., Genes and Dev. 6:2010-2019, 1992	

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